



PATENT ABSTRACTS OF JAPAN

(11) Publication number: **03279151 A**

(43) Date of publication of application: 10.12.91

(51) Int. Cl. B65H 29/06
B65G 47/52
B65G 47/86
B65H 29/40
B65H 31/00

(21) Application number: 02075193

(22) Date of filing: 23.03.90

(71). Applicant: **NIPPON SEKISOO KOGYO KK**

(72) Inventor: . . . ISOBE YOSHIHARU
YADA IWAO . . .

(54) SHEET PRODUCT PILING DEVICE

(57) Abstract:

PURPOSE: To automatically pile products having large friction resistance by inserting a sheet product into an insertion opening provided in an external cylinder section of a rotary cylinder to the position of a stopper, clamping it, rotating it to a discharge position, and canceling the clamping state.

CONSTITUTION: A pair of insertion openings 4 are made at symmetrical positions of 180° in an external cylinder section 2 of a cylindrical rotor 1 which is rotated around a shaft 3, and a guide plate 12 and external guide plate 13 are provided on the side in the anti-turning direction of the insertion openings 4. In addition, a pair of clamp cylinders 7 whose base end are directly connected to the shaft section 3 are arranged in the radial direction of the shaft section 3 in the external cylinder section 2, and clamping member 8 is provided to each of the top end of a pair of clamp cylinders. When the insertion opening 4 comes to a reception position P1, the sheet product S conveyed by a conveyor 10 is inserted into the opening 4, abuts on a stopper 5, clamped, and rotated. Then, the clamping state of the sheet product S is canceled at a discharge

position P2, and the sheet production 'S' is piled at the fixed position.

COPYRIGHT: (C)1991,JPO&Japio

